CSI Market Analysis

ONLINE EDUCATION





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Report Context

Currently in Colorado, thirty-three school districts or BOCES authorize multi-district or single district online schools. Twenty of these districts or BOCES operate multi-district online schools. Multi-district refers to online schools that enroll students from multiple school districts in the state, while single district online schools enroll students living in their authorizing district only. A list of online schools compiled by the Colorado Department of Education informed the analysis summarized in this report.

General Information about Online Schools

There are currently 48 operating online schools* throughout the state of Colorado, including twelve single district online schools and thirty-six multi-district online schools. All twelve of the online charter schools are multi-district, two of which are Alternative Education Campuses (AECs). There are ten online AECs, with three operating under a single district and seven operating in multiple districts. Nine of the multi-district online schools (36.7% of online students) contract with an Education Service Provider (ESP), a for-profit entity that provides educational services. ESPs include Connections Education, K12, Inc., and Summit Education Group. **Appendix A** has the full list of school choices.

*In Colorado, the number of schools is calculated according to the number of school codes associated with each contract. School codes are assigned, upon requests of the authorizer, as a school begins operating. Therefore, this count does not include online school programs as they are not considered schools.

2020-2021 School Year:

- 36 multi-district
 online schools
 authorized by 21
 school districts
 (9 schools
 contract with an
 Education Service
 Provider)
- 12 single district online schools (2 are pending school codes)
- **34** online school programs in 30 school districts (2 are pending)

Online Education Options

- **Multi-District Online Schools** Any student, regardless of the school district they reside in, may enroll in a multi-district online school.
- Single District Online Schools Students enrolling in a single district
 online school must be a resident of the school district in which the school
 is located.
- Online Programs Students must be a resident of the school district in
 which the school is located in order to enroll in an online program in that
 district. Online programs do not have school codes assigned and are not
 counted in online overall totals in this report.

For more information, consult CDE's website: https://www.cde.state.co.us/onlinelearning.



Enrollment

Total Student Enrollment over Time

The number of students attending online schools overall has increased by nearly 24% over the past five years (from 17,669 students in 2015-16 to 21,863 students in 2019-20).

Authorizers with the largest online school enrollment includes District 49, Education ReEnvisioned BOCES, Mapleton 1, Douglas County, Las Animas, and Byers 32J. District 49 has the largest enrollment overall with 5,546 students enrolling across the state. District 49 has three online schools in their portfolio all are multidistrict online schools and one is a charter Alternative Education Campus (GOAL Academy). Total enrollment values can be seen in the table below.

Authorizers with the Largest Online School Student Enrollment PK-12

| School District Name | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 5-Year Percent Change |
|---|---------|---------|---------|---------|---------|-----------------------------|
| District 49 | 4,591 | 4,327 | 4,434 | 4,738 | 5,546 | 20.8% |
| Education ReEnvisioned BOCES | 1,969 | 1,600 | 2,246 | 1,186 | 2,836 | 44.0% |
| Mapleton 1 | 2,420 | 2,426 | 2,357 | 2,270 | 2,274 | -6.0% |
| Douglas County Re 1 | 2,349 | 2,526 | 2,213 | 2,069 | 1,960 | -16.6% |
| Las Animas Re-1 | 0 | 651 | 1,214 | 1,823 | 1,924 | |
| Byers 32J | 2,530 | 2,488 | 2,323 | 2,369 | 1,787 | -29.4% |
| Multi District and Single District Online Schools | 17,669 | 18,561 | 19,359 | 19,326 | 21,863 | 23.7% |
| Colorado Overall | 899,112 | 905,018 | 910,280 | 911,536 | 913,223 | 1.6% |

The ten online schools with the largest PK-12 enrollment in 2019-20 are shown below.

Top Ten Highest Enrolling Online Schools (All are Multi-District Online Schools)

| School Name | Authorizer | Levels Served | | | - | | | Trend | 5-Year Percent Change | 2019 School Performance Rating |
|---|------------------------|------------------|-------|-------|-------|-------|-------|-------|-----------------------------|-----------------------------------|
| GOAL Academy | District 49 | Н | 4,070 | 3,764 | 3,811 | 4,153 | 4,965 | | 22.0% | AEC: Performance |
| Colorado Connections Academy | Mapleton 1 | EMH | 2,420 | 2,426 | 2,357 | 2,270 | 2,274 | j | -6.0% | Improvement |
| AIM Global | Las Animas RE-1 | MH | | 533 | 1,095 | 1,708 | 1,796 | | | AEC: Priority Improvement |
| HOPE Online Learning Academy Elementary | Douglas County Re 1 | Е | 1,150 | 1,201 | 1,034 | 921 | 846 | Į | -26.4% | Priority Improvement |
| Colorado Connections Academy @ Durango | Durango 9-R | EMH | | 306 | 537 | 728 | 810 | | | Improvement |
| Pikes Peak Online School | Ed. reEnvisioned BOCES | Н | | | 615 | 668 | 778 | ممو | | AEC: Performance |
| Colorado Preparatory Academy Elementary | Ed. reEnvisioned BOCES | Е | | | | | 714 | ٠ | | Improvement |
| Colorado Preparatory Academy Middle | Ed. reEnvisioned BOCES | М | | | | | 685 | • | | Improvement |
| Colorado Preparatory Academy High | Ed. reEnvisioned BOCES | EMH | 1,364 | 1,384 | 1,631 | 518 | 659 | 1 | -51.7% | Improvement |
| HOPE Online Learning Academy High | Douglas County Re 1 | Н | 458 | 575 | 548 | 589 | 590 | 1 | 28.8% | AEC: Performance |

GOAL Academy is the highest enrolling online school in the state, with nearly 5,000 students enrolled. GOAL Academy is designated as both a charter school and an Alternative Education Campus (schools must serve student populations comprised of at least 90% high risk students in order to receive this designation). Over the past five years, GOAL's overall enrollment has increased by 22%. Colorado Connections Academy, authorized by Mapleton 1 and contracted with a for-profit ESP called Connections Education, is the next highest enrolling on the list and it enrolls less than 2,500 students (half of GOAL's population). Enrollment has also decreased by 6%. For most online schools on this list, enrollment has decreased, other than for GOAL Academy and HOPE Online Learning Academy High School, authorized by Douglas County.



Enrollment by Grade Level over Time

Student enrollment PK-12 for Online Schools has increased overall and at the 6-8 and 9-12 levels.

Online School Student Multi District and Single District Enrollment by Grade Levels

| | | | | J | | , | |
|-------|-----------|-----------|-----------|-----------|-----------|-------|-----------------------------|
| Grade | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 | Trend | 5-Year Percent Change |
| PK-5 | 3,969 | 3,844 | 3,508 | 2,573 | 2,898 | 1 | -27.0% |
| 6-8 | 3,319 | 3,666 | 3,732 | 3,293 | 3,961 | | 19.3% |
| 9-12 | 10,381 | 11,051 | 12,119 | 13,460 | 15,004 | | 44.5% |
| Total | 17,669 | 18,561 | 19,359 | 19,326 | 21,863 | | 23.7% |

The largest increase in student enrollment over the past five years is for 9th through 12th grades, with a 45% increase over 5 years and a 24% increase over three years. The largest decrease is with Pre-Kindergarten through 5th, with a 27% decrease over a five-year period. Middle school grade levels have seen a 19% increase over the past five years, and a 6% increase in the past three years.

Appendix A shows 2019-20 enrollment values for every school.



Charter Schools

Online Charter Schools

There are thirteen charter schools in the school cohort. Below is a list of all thirteen charter schools and their enrollment over time:

Multi-District Online Charter School Enrollment

| School Name | Authorizer | Levels Served | | | | | | Trend | 5-Year Percent Change | 2019 School Performance Rating |
|--|---------------------|------------------|-------|-------|-------|-------|-------|---------|-----------------------------|-----------------------------------|
| Astravo Academy High School | Byers 32J | Η | 1,233 | 1,093 | 770 | 177 | 191 | Į. | | Priority Improvement |
| Astravo Academy Middle School | Byers 32J | М | | | | 175 | 200 | | | Improvement |
| Astravo Online Academy Elementary School | Byers 32J | Е | | | | 50 | 114 | | | Insufficient State Data |
| Astravo Online Academy High School | Byers 32J | Н | 95 | 203 | 226 | 188 | 485 | , , , , | | Insufficient State Data |
| Astravo Online Academy Middle School | Byers 32J | М | | | | 75 | 68 | | | Insufficient State Data |
| Colorado Virtual Academy | Byers 32J | Е | 496 | 440 | 508 | 526 | 237 | ~~ | -52.2% | Improvement |
| Colorado Virtual Academy High School | Byers 32J | Н | 487 | 523 | 544 | 684 | 357 | ••• | -26.7% | Improvement |
| Colorado Virtual Academy Middle School | Byers 32J | М | 219 | 229 | 275 | 347 | 135 | | -38.4% | Performance |
| GOAL Academy | District 49 | Н | 4,070 | 3,764 | 3,811 | 4,153 | 4,965 | | 22.0% | AEC: Performance |
| HOPE Online Learning Academy Elementary | Douglas County Re 1 | Е | 1,150 | 1,201 | 1,034 | 921 | 846 | - | -26.4% | Priority Improvement |
| HOPE Online Learning Academy High School | Douglas County Re 1 | Н | 458 | 575 | 548 | 589 | 590 | <i></i> | 28.8% | AEC: Performance |
| HOPE Online Learning Academy Middle Scho | Douglas County Re 1 | М | 530 | 587 | 594 | 531 | 489 | | -7.7% | Improvement |
| TCA College Pathways | Academy 20 | МН | 505 | 508 | 501 | 528 | 522 | ~~ | 3.4% | Distinction |

Byers 32J authorizes the majority of online charter schools in the state. In the most recent District Performance Framework, they were rated as Accredited: Low Participation. Astravo Academy Middle and High School used to be named Elevate Middle and High School and Astravo Online Academy Elementary, Middle, and High School was previously named Valiant Elementary, Middle, and High School. Due to changes for these schools, it is more difficult to ascertain clear trends.

For those schools who have remained consistent since 2015-16, HOPE Online Learning Academy High School has seen the largest enrollment increases of nearly 30%. HOPE is also identified as an AEC and received the highest rating of AEC: Performance. They are authorized by Douglas County, who has a district rating of Accredited: Low Participation. The other online high school AEC, GOAL Academy, has the second highest enrollment growth with a 22% increase. District 49, their authorizer, was most recently rated as Accredited: Low Participation. Most online charter schools received a rating of Improvement, the second highest rating under the state system. TCA College Pathways is the exception in this group. Based on their overall percent of points earned on the state framework, they belong in the top 25% of schools in the state. Using CSI's rating system, they would be rated Distinction (the highest rating given for CSI schools), noted above. Under the state system, they received a Performance rating. TCA College Pathways' authorizer is Academy 20, which has the highest district accreditation rating given by the state of Accredited with Distinction: Low Participation. None of the multi-district online charter schools in the state currently contract with a for-profit Education Service Provider (ESP).

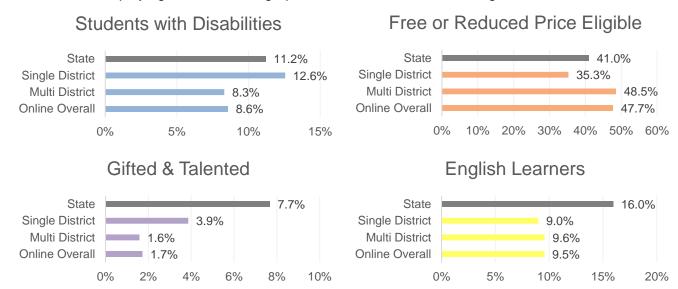
As a note, HOPE Online Learning Academy Elementary School will be closed for the 2020-21 school year.

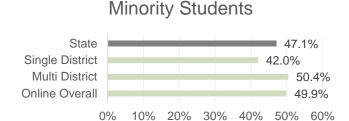


Population Characteristics

K-12 Student Demographics

The graphs below show the student demographics for the different types of online school options in Colorado, as well as the state comparison value. Online overall shows the combined student counts for each subgroup for single district and multi-district school options. As of 2019-20, single district online schools enroll a higher percentage of students with disabilities than multi-district online schools and the state average, while multi-district online schools enroll more students eligible for free or reduced price lunch and minority students than single district online schools and the state overall. **Appendix B** shows these values over the past five years. Below are charts displaying 2019-20 demographic data for Online Schools in grades K-12:







Educational Outcomes

This section of the report discusses educational outcomes for online schools nationally and in Colorado.

National Outcomes

Online charter schools are a small, but rapidly growing sector in the US education landscape. Research is ongoing to both assess the efficacy of existing online school programs as compared to brick-and-mortar schools, but also between online programs themselves. In 2015, the Center for Research on Education Outcomes out of Stanford University released a study analyzing academic outcomes of 200,000 online student records across four years across 18 states, including Colorado¹. The study found that students enrolled in online schools generally exhibit lower academic growth than "virtual twins" - student peers enrolled in brick-and-mortar schools. When comparing schools as a whole, only two percent of the online charter schools outperform their comparison schools, 32 percent perform no differently, and 67 percent have weaker growth than their comparison schools. In math, 88 percent of online charter schools had significantly weaker growth than their comparison and none outperformed their comparison schools. These growth gaps were found to be consistent across student demographics including race and ethnicity, socioeconomic status, special education status, and English learner status, with no particular group demonstrating larger growth deficits compared to their peers in non-online schools¹.

This study also investigated the relationship between student academic outcomes and the total enrollment of the school (including students in network affiliates), but no significant correlation was found. However, a recent report published in 2019 by the National Education Policy Center from the University of Colorado Boulder investigated the relationship between school performance and Education Management Organization (EMO) involvement and for-profit/nonprofit status. The study found that among virtual schools, far more district-operated virtual schools achieved acceptable state school performance ratings (56.7% acceptable) than charter-operated virtual schools (40.8%). More virtual schools without EMO involvement performed well (59.3% acceptable ratings), compared with 50% acceptable ratings for virtual schools operated by nonprofit EMOs, and only 29.8% acceptable ratings for virtual schools operated by for-profit EMOs².

During the 2017-2018 school year, there were approximately 300,000 students enrolled in full-time online schooling. Of these, 60.1% were enrolled at schools managed by for-profit EMOs, 4.3% at non-profit EMOs, and the remaining 35.6% were enrolled at online schools that were independent of a network (this includes both district and charters)².

¹ Woodworth, James L., et al. "Online charter school study 2015." Center for Research on Educational Outcomes. (2015) (Full Text Link)

² Molnar, A., Miron, G., Elgeberi, N., Barbour, M.K., Huerta, L., Shafer, S.R., Rice, J.K. (2019). *Virtual Schools in the U.S. 2019*. Boulder, CO: National Education Policy Center. (Full Text Link)



Accountability in Colorado

In Colorado, online schools are evaluated based on their achievement, growth, and postsecondary workforce and readiness outcomes to populate an academic performance rating. This data is publicly reported through each school's School Performance Framework, including Alternative Education Campuses (AEC) who are evaluated under the AEC accountability framework. Performance ratings for schools include (from lowest scoring to highest scoring) Turnaround, Priority Improvement, Improvement, and Performance.

The most recent academic data available for these schools is from the 2018-19 school year (listed as 2019-20 in the chart below). Six online schools were on Performance Watch (for receiving a Turnaround or Priority Improvement rating), which represents 12% of all online schools evaluated. In comparison, 8.4% of non-online schools are on Performance Watch. This value is still an improvement from years prior when, in 2016-17, nearly 20% of online schools received a Priority Improvement rating. For the 2019-20 school year, about 14% of online schools did not receive an academic rating due to "insufficient state data". For non-online schools, less than 2% received an Insufficient State Data plan assignment. In 2019-20, ten online schools were designated as an AEC. Seven of the ten received the highest rating for AECs in the state, AEC: Performance. For more information on past performance, CDE does an extensive review in their Online Summary Report.³ The chart below lists this data in more detail. **Appendix C** lists the numbers that make up the percentages.

Performance Plan Types over Time

| remonitative riali Types over | 111110 | 1 | | | |
|-------------------------------|-----------------|---------|---------|--|---------|
| School District Name | Туре | 2016-17 | 2017-18 | 2018-19 | 2019-20 |
| | State | 67.4% | 68.6% | 67.7% | 68.6% |
| Performance Plan | Multi-District | 56.7% | 32.3% | 36.1% | 50.0% |
| Performance Plan | Single District | 54.5% | 50.0% | 27.3% | 36.4% |
| | Online Overall | 56.1% | 37.2% | 34.0% | 46.9% |
| | State | 19.7% | 19.6% | 21.2% | 21.6% |
| Improvement Dian | Multi-District | 10.0% | 22.6% | 22.2% | 28.9% |
| Improvement Plan | Single District | 18.2% | 25.0% | 18.2% | 18.2% |
| | Online Overall | 12.2% | 23.3% | 21.3% | 26.5% |
| | State | 6.5% | 7.1% | 6.5% | 6.2% |
| Priority Improvement Plan | Multi-District | 20.0% | 22.6% | 11.1% | 10.5% |
| Priority Improvement Plan | Single District | 18.2% | 0.0% | 9.1% | 18.2% |
| | Online Overall | 19.5% | 16.3% | 10.6% | 12.2% |
| | State | 3.3% | 2.2% | 2.5% | 2.2% |
| Turnaround Plan | Multi-District | 0.0% | 0.0% | 2.8% | 0.0% |
| Turnaround Plan | Single District | 0.0% | 0.0% | 0.0% | 0.0% |
| | Online Overall | 0.0% | 0.0% | 2.1% | 0.0% |
| | State | 3.1% | 2.5% | 2.2% | 1.5% |
| Insufficient State Data | Multi-District | 13.3% | 22.6% | 27.8% | 10.5% |
| msumcient state Data | Single District | 9.1% | 25.0% | 45.5% | 27.3% |
| | Online Overall | 12.2% | 23.3% | 67.7% 68 36.1% 50 27.3% 36 34.0% 46 21.2% 26 18.2% 18 21.3% 26 6.5% 6 11.1% 10 9.1% 18 10.6% 12 2.5% 2 2.8% 0 0.0% 0 2.1% 0 2.2% 1 27.8% 10 45.5% 27 | 14.3% |

Note: Includes Alternative Education Campuses. Excludes closed schools.

Since single-district online programs do not have unique school codes, accountability for those students is held at the brick and mortar school within the school district that serves as the official enrollment school for the student. Therefore, online programs are not included in the chart above.

³ Please consult CDE's 2019 Online Summary report:



When viewing this data by level, a trend emerges for schools with elementary programs. 40% of online schools serving only elementary grade levels received a Priority Improvement rating, comparing to 6% of schools in the state. In comparison, 12% of online schools serving only high school grades received this rating. The other 40% of online elementary schools received an Improvement rating, and the final 20% received a Performance rating. Trends over time show that consistently elementary only schools receive lower ratings than online schools serving upper grade levels. See below for more detail. **Appendix C** includes the number of schools.

Performance Plan Types over Time by Level

| School District Name | Туре | 2016-17 | 2017-18 | 2018-19 | 2019-20 |
|---------------------------|-------|---------|---------|---|---------|
| | State | 67.4% | 68.6% | 67.7% | 68.6% |
| | Е | 50.0% | 0.0% | 0.0% | 20.0% |
| | EM | 100.0% | 100.0% | 100.0% | 100.0% |
| Performance Plan | M | 50.0% | 0.0% | 25.0% | 20.0% |
| | MH | 77.8% | 50.0% | 50.0% | 44.4% |
| | Н | 50.0% | 33.3% | 26.7% | 56.3% |
| | EMH | 46.2% | 38.5% | 38.5% | 53.8% |
| | State | 19.7% | 19.6% | 21.2% | 21.6% |
| | Е | 0.0% | 0.0% | 0.0% | 40.0% |
| | EM | 0.0% | 0.0% | 0.0% | 0.0% |
| Improvement Plan | M | 0.0% | 0.0% | 50.0% | 60.0% |
| | MH | 11.1% | 10.0% | 0.0% | 11.1% |
| | Н | 21.4% | 40.0% | 26.7% | 25.0% |
| | EMH | 7.7% | 23.1% | 30.8% | 23.1% |
| | State | 6.5% | 7.1% | 6.5% | 6.2% |
| | Е | 50.0% | 50.0% | 25.0% | 40.0% |
| | EM | 0.0% | 0.0% | 0.0% | 0.0% |
| Priority Improvement Plan | M | 50.0% | 50.0% | 0.0% | 0.0% |
| | MH | 0.0% | 0.0% | 0.0% | 22.2% |
| | Н | 28.6% | 20.0% | 20.0% | 12.5% |
| | EMH | 15.4% | 15.4% | 6% 67.7% 68.6% 6% 0.0% 20.0% 0% 100.0% 100.0% 0% 25.0% 20.0% 0% 50.0% 44.4% 3% 26.7% 56.3% 5% 38.5% 53.8% 6% 21.2% 21.6% 1% 0.0% 40.0% 1% 0.0% 0.0% 1% 50.0% 60.0% 1% 30.8% 23.1% 26.7% 25.0% 40.0% 1% 30.8% 23.1% 20% 25.0% 40.0% 1% 0.0% 0.0% 1% 0.0% 0.0% 1% 0.0% 0.0% 20% 25.0% 40.0% 1% 0.0% 0.0% 1% 0.0% 0.0% 20% 2.2% 0.0% 20% 2.0% 0.0% 20% 2.5% 2.2% | 0.0% |
| | State | 3.3% | 2.2% | 2.5% | 2.2% |
| | Е | 0.0% | 0.0% | 25.0% | 0.0% |
| | EM | 0.0% | 0.0% | 0.0% | 0.0% |
| Turnaround Plan | M | 0.0% | 0.0% | 0.0% | 0.0% |
| | MH | 0.0% | 0.0% | 0.0% | 0.0% |
| | Н | 0.0% | 0.0% | 0.0% | 0.0% |
| | EMH | 0.0% | 0.0% | 0.0% | 0.0% |
| | State | 3.1% | 2.5% | 2.2% | 1.5% |
| | Е | 0.0% | 50.0% | 50.0% | 0.0% |
| | EM | 0.0% | 0.0% | 0.0% | 0.0% |
| Insufficient State Data | М | 0.0% | 50.0% | 25.0% | 20.0% |
| | MH | 11.1% | 40.0% | 50.0% | 22.2% |
| | Н | 0.0% | 6.7% | 26.7% | 6.3% |
| | EMH | 30.8% | 23.1% | 23.1% | 23.1% |

Note: Includes Alternative Education Campuses. Excludes closed schools.

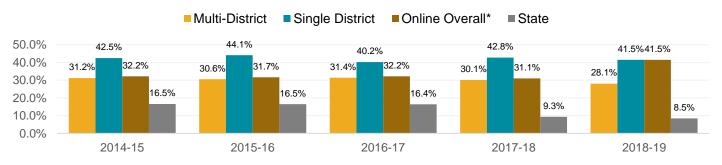


Mobility Rates

According to CDE, "a student is considered mobile any time he or she enters or exits a school or district in a manner that is not part of the normal educational progression (i.e. normal advancing grades between academic years, matriculating between elementary, middle and high school, or exiting as graduated or completed)"⁴. Below is a chart that highlights mobility rates for all students (unduplicated) enrolled in either multi-district or single district online schools in Colorado since the 2014-15 school year. Compared to the state, students in online schools are highly mobile. In the past five years, mobility rates have increased for online schools overall (from 32.2%% to 41.5% overall) while statewide mobility rates have decreased (from 16.5% to 8.5%).

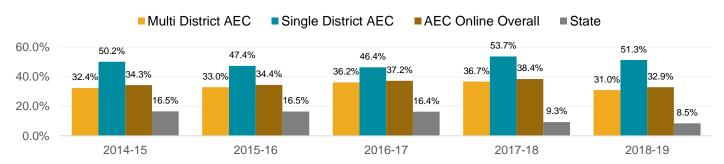
Appendix D provides a more extensive overview of mobility rates, mobility incidence rates, and stability rates by school.





In 2019-20, 43.6% of students attending online schools in Colorado were enrolled in an Alternative Education Campus (AEC). The data below presents this information disaggregated by online AEC and online non-AEC schools. Because such a large proportion of the population attend AECs (who are statutorily required to enroll at least 90% high risk students), the data below provides breakdowns by AEC and non-AEC for mobility, dropout, and graduation rates.

Mobility Rates by School Type (AEC)



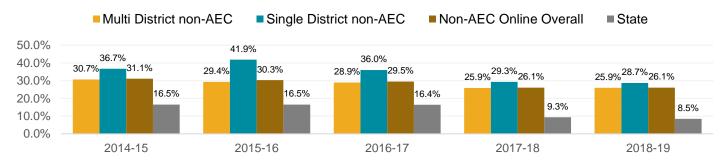
Mobility rates for only online AEC schools in Colorado are substantially higher than the state. Single district online AEC schools have higher mobility rates than multi-district online AEC schools. Overall, over 30% of students in online AEC schools were mobile during the 2018-19 school year, more than 50% were mobile in single district online AEC schools.

⁴ Please consult CDE's report about "Understanding Mobility Rates" here for additional information about the way mobility rates are calculated: https://www.cde.state.co.us/sites/default/files/documents/onlinelearning/download/mobilityinfo.pdf



For non-AEC online schools, these patterns are similar. Overall mobility rates for non-AEC online schools do not differ largely from online AEC schools. Around 26% of students in the 2018-19 school year were mobile. Single district non-AEC online school mobility rates, however, are not as high as AEC counterparts, by around 20 percentage points. Still, online non-AEC schools demonstrate much higher mobility than the state overall.

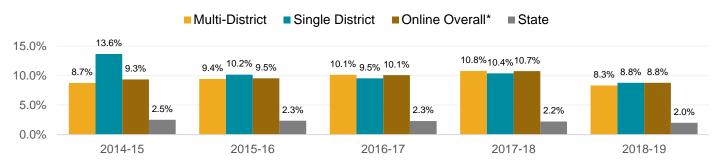
Mobility Rates by School Type (non-AEC)



Dropout Rates

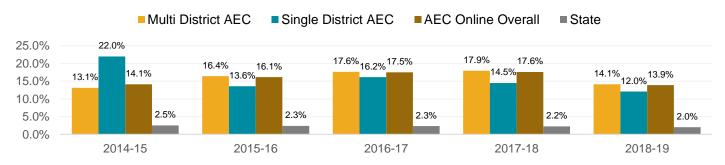
Below is a chart that highlights dropout rates for all students enrolled in either multi-district or single district online schools in Colorado since the 2014-15 school year. Compared to the state, online schools overall demonstrate substantially higher dropout rates. In the past five years, dropout rates have decreased slightly (from 9.3% to 8.8% overall). Even still, the state average is four times lower than online schools overall.

Dropout Rates by School Type (Overall)



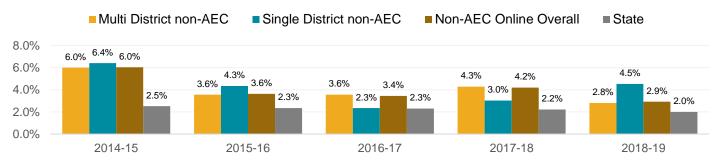
Below are dropout rates by AEC and non-AEC online schools.

Dropout Rates by School Type (AEC)







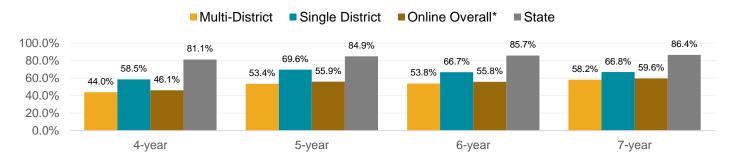


As shown by the graphs above, AECs demonstrate substantially higher dropout rates than non-AECs. Over the past four years, dropout rates for multi-district AECs were higher than dropout rates for single district AECs. Overall, dropout rates for online AECs are 11 percentage points higher than online non-AEC dropout rates.

Graduation Rates

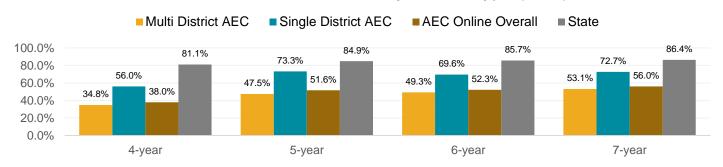
Below is a chart that highlights graduation rates for all students enrolled in either multi-district or single district online schools in Colorado during the 2018-19 school year. Similar to dropout rates, graduation rates reflect a stark difference from the state average. 4-year, 5-year, 6-year, and 7-year graduation rates are substantially lower than the state. The Best Of graduation rate for multi-district online schools is the 7-year rate of 58.2% while the Best Of rate for single district online schools is slightly higher at 69.6% (using the 5-year rate).

2018-19 Graduation Rates by School Type (Overall)



Below are breakdowns by online AEC and online non-AEC schools.

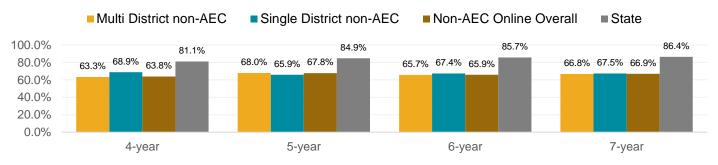
2018-19 Graduation Rates by School Type (AEC)





Multi-district AEC online schools have substantially lower graduation rates than the state and single district AEC schools. The Best Of rate for AEC online schools overall is the 7-year rate of 56%. Non-AEC online schools graduation rates are also below the state, by nearly 20 percentage points.

2018-19 Graduation Rates by School Type (non-AEC)



Appendix A. Full List of Schools in the Online Schools School Cohort

| # District Name | School Name | Туре | Level | Education Service Provider | 2018-19 | 5yr % | 2018-19 | Statewide Percentile |
|--|--|-------------------------------|-----------|----------------------------|-------------------|-----------------|--------------------------------------|----------------------|
| | 70 Online | Multi-District | EMH | | Enrollment 218 | Change 33.7% | CSI Modified Rating AEC: Performance | Rank |
| 1 Pueblo County 702 Colorado Springs 11 | Achieve Online | Multi-District | MH | | 218 | 14.3% | AEC: Performance | |
| 3 Las Animas RE-1 | AIM Global | Multi-District | MH | Summit Education Group | 1796 | 14.570 | AEC: Priority Improvement | |
| 4 Alamosa School District | Alamosa Online School | Single District | New | Summit Education Group | New | | AEC. Phonty improvement | - |
| 5 Byers 32J | Astravo Academy High School | Multi-District | H | | 191 | | Priority Improvement | 12.0 |
| • | Astravo Academy Middle School | Multi-District | M | | 200 | | , , | 13.9 22.4 |
| 6 Byers 32J 7 Byers 32J | Astravo Academy Inidale School Astravo Online Academy Elementary | Multi-District | E | | 114 | | Improvement Insufficient State Data | 22.4 |
| 8 Byers 32J | Astravo Online Academy High School | Multi-District | H | | 485 | | Insufficient State Data | |
| <u> </u> | Astravo Online Academy Middle School | Multi-District | M | | 68 | | | |
| • | Boulder Universal | Multi-District | EMH | | 76 | -14.6% | Insufficient State Data | 69.4 |
| Boulder Valley Re 2Branson Reorganized 82 | Branson School Online | Multi-District | EMH | | 364 | -14.6% | Improvement Improvement | 42.9 |
| · · · · · · · · · · · · · · · · · · · | | | Н | | 16 | 77.8% | Insufficient State Data | 42.9 |
| | Center Virtual Academy | Single District | | | | | insufficient State Data | |
| 13 Cherry Creek 5 | Cherry Creek Elevation | Single District | MH EMH | Connections Education | 121 2274 | -6.0% | | |
| 14 Mapleton 1 | Colorado Connections Academy | Multi-District Multi-District | | Connections Education | | | Improvement | 29.5 |
| 15 Durango 9-R | Colorado Connections Academy @ Durango | | EMH | Connections Education | 810 | | Improvement | 22.7 |
| 16 Education reEnvisioned BOCES | | Multi-District | E | K12, Inc. | 714 | 70/ | Improvement | 13.7 |
| 17 Education reEnvisioned BOCES | | Multi-District | EMH | K12, Inc. | 659 | -51.7% | Improvement | 27.7 |
| 18 Education reEnvisioned BOCES | . , , , , , , , , , , , , , , , , , , , | Multi-District | М | K12, Inc. | 685 | | Improvement | 20.0 |
| 19 Byers 32J | Colorado Virtual Academy | Multi-District | E | | 237 | -52.2% | Improvement | 31.9 |
| 20 Byers 32J | Colorado Virtual Academy High School | Multi-District | H | | 357 | -26.7% | Improvement | 44.6 |
| 21 Byers 32J | Colorado Virtual Academy Middle School | Multi-District | M | | 135 | -38.4% | Performance | 40.8 |
| 22 Denver County 1 | Denver Online High School | Multi-District | H | 1440 | 287 | 40.7% | Improvement | 15.7 |
| 23 Julesburg Re-1 | Destinations Career Academy of Colorado | Multi-District | MH | K12, Inc. | 545 | 43.0% | Improvement | 30.3 |
| 24 Douglas County Re 1 | eDCSD | Single District | EMH | | 35 | -83.4% | Insufficient State Data | |
| 25 District 49 | GOAL Academy | Multi-District | H | | 4965 | 22.0% | AEC: Performance | |
| 26 Mesa County Valley 51 | Grand River Academy | Single District | EMH | | 328 | 50.5% | Improvement | 30.7 |
| 27 Hanover 28 | Hanover Online Academy | Multi-District | MH | | 5 | | Insufficient State Data | |
| 28 Holyoke Re-1J | Holyoke Alternative School | Single District | MH | | 10 | 42.9% | Insufficient State Data | |
| 29 Douglas County Re 1* | HOPE Online Learning Academy Elementary* | Multi-District | E | | 846 | -26.4% | Priority Improvement | 10.4 |
| 30 Douglas County Re 1 | HOPE Online Learning Academy High | Multi-District | Н | | 590 | 28.8% | AEC: Performance | |
| 31 Douglas County Re 1 | HOPE Online Learning Academy Middle | Multi-District | M | | 489 | -7.7% | Improvement | 31.4 |
| 32 Las Animas RE-1 | Immersion Schools Science Technology Arts | Multi-District | MH | Summit Education Group | 128 | | Performance | 36.4 |
| 33 Weld RE4 | InspiRE-4 | Single District | New | | New | | | |
| 34 Jefferson County R-1 | Jeffco Virtual Academy | Multi-District | MH | | 304 | -2.9% | AEC: Performance | |
| 35 Academy 20 | Journey K8 | Multi-District | EM | | 137 | -1.4% | Performance | 52.2 |
| 36 Monte Vista C-8 | Monte Vista On-Line Academy | Multi-District | EMH | | 114 | 17.5% | Priority Improvement | 19.9 |
| 37 Pueblo City 60 | Paragon Learning Center | Single District | Н | | 187 | | AEC: Priority Improvement | |
| 38 Adams 12 Five Star Schools | Pathways Future Center | Single District | EMH | | 304 | | AEC: Performance | |
| 39 Montrose County RE-1J | Peak Virtual Academy | Single District | EMH | | 185 | -19.2% | Performance | 71.7 |
| 40 Peyton 23 Jt | Peyton Online Academy | Multi-District | Н | | 31 | | Priority Improvement | 7.5 |
| 41 District 49 | Pikes Peak Early College | Multi-District | Н | | 179 | | Distinction | 86.6 |
| 42 Education reEnvisioned BOCES | | Multi-District | H | K12, Inc. | 778 | | AEC: Performance | |
| 43 Poudre R-1 | PSD Global Academy | Multi-District | EMH | | 266 | 49.4% | Performance | 61.7 |
| 44 San Juan BOCES | Southwest Colorado eSchool | Multi-District | MH | | 61 | 110.3% | Improvement | 28.0 |
| 45 District 49 | Springs Studio for Academic Excellence | Multi-District | EMH | | 402 | -22.8% | Improvement | 69.1 |
| 46 St Vrain Valley RE1J | St. Vrain Global Online Academy | Single District | Н | | 128 | 21.9% | AEC: Performance | |
| 47 Academy 20 | TCA College Pathways | Multi-District | MH | | 522 | 3.4% | Distinction | 96.0 |
| 48 Academy 20 | Village High School | Multi-District | EMH | | 214 | 319.6% | Improvement | 58.8 |
| 49 Eagle County RE 50 | World Academy | Single District | EMH | | 32 | -28.9% | Insufficient State Data | |

^{*}HOPE Online Learning Academy Elementary was directed to close by the State Board of Education and their charter was revoked by Douglas County. They will not operate during the 2020-21 school year.

Appendix B. Demographic Characteristics by School Type over Time

Online School Student Enrollment by Student Group (K-12 only)

| | | | .p (= =) | / | | | |
|-----------------|-------------------|-----------|-----------------------|-----------|-----------|-----------|------------------------------|
| School Type | Student Group | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 | 5-Year Percent Change^ |
| Online Overall | FRL Eligible | 43.1% | 42.3% | 44.0% | 42.9% | 47.7% | 38.2% |
| Multi District | FRL Eligible | 44.2% | 42.9% | 44.8% | 43.5% | 48.5% | 38.5% |
| Single District | FRL Eligible | 28.7% | 32.9% | 30.9% | 32.2% | 35.3% | 33.8% |
| State | FRL Eligible | 42.0% | 42.1% | 41.7% | 40.9% | 41.0% | -0.2% |
| Online Overall | Students on IEPs | 8.3% | 7.9% | 7.8% | 8.1% | 8.6% | 29.0% |
| Multi District | Students on IEPs | 8.1% | 7.7% | 7.6% | 7.9% | 8.3% | 28.8% |
| Single District | Students on IEPs | 10.4% | 10.8% | 10.1% | 11.6% | 12.6% | 31.0% |
| State | Students on IEPs | 9.9% | 10.1% | 10.4% | 10.7% | 11.2% | 15.9% |
| Online Overall | English Learners | 15.3% | 13.6% | 11.2% | 10.4% | 9.5% | -22.0% |
| Multi District | English Learners | 15.7% | 13.8% | 11.5% | 10.5% | 9.6% | -22.8% |
| Single District | English Learners | 10.3% | 10.2% | 7.1% | 8.7% | 9.0% | -5.5% |
| State | English Learners | 18.4% | 18.9% | 16.5% | 16.1% | 16.0% | -11.4% |
| Online Overall | Gifted | 1.7% | 1.3% | 1.6% | 1.7% | 1.7% | 26.9% |
| Multi District | Gifted | 1.5% | 1.2% | 1.4% | 1.5% | 1.6% | 31.6% |
| Single District | Gifted | 4.0% | 3.0% | 4.4% | 4.8% | 3.9% | 4.0% |
| State | Gifted | 8.0% | 6.9% | 7.7% | 7.6% | 7.7% | -1.9% |
| Online Overall | Minority Students | 48.1% | 46.5% | 48.7% | 48.8% | 49.9% | 29.5% |
| Multi District | Minority Students | 49.4% | 47.4% | 49.5% | 49.3% | 50.4% | 28.7% |
| Single District | Minority Students | 31.2% | 33.1% | 36.0% | 40.4% | 42.0% | 46.0% |
| State | Minority Students | 45.5% | 46.0% | 46.3% | 46.5% | 47.1% | 5.7% |

[^]Calculated using total enrollment values for each student group

Appendix C. Performance Plan Type

Performance Plan Types over Time

| School District Name | Туре | n | Total N | 2016- 17 | n | Total N | 2017- 18 | n | Total N | 2018- 19 | n | Total N | 2019- 20 |
|---|-----------------|----|---------|-------------|----|---------|-------------|----|---------|-------------|----|---------|-------------|
| | State | - | 1,217 | 67.4% | - | 1,247 | 68.6% | - | 1,239 | 67.7% | - | 1,256 | 68.6% |
| Dorformanaa Dlan | Multi-District | 17 | 30 | 56.7% | 10 | 31 | 32.3% | 13 | 36 | 36.1% | 19 | 38 | 50.0% |
| Performance Plan Improvement Plan Priority Improvement Plan | Single District | 6 | 11 | 54.5% | 6 | 12 | 50.0% | 3 | 11 | 27.3% | 4 | 11 | 36.4% |
| | Online Overall | 23 | 41 | 56.1% | 16 | 43 | 37.2% | 16 | 47 | 34.0% | 23 | 49 | 46.9% |
| | State | - | 356 | 19.7% | - | 356 | 19.6% | - | 387 | 21.2% | - | 395 | 21.6% |
| Improvement Dian | Multi-District | 3 | 30 | 10.0% | 7 | 31 | 22.6% | 8 | 36 | 22.2% | 11 | 38 | 28.9% |
| improvement Plan | Single District | 2 | 11 | 18.2% | 3 | 12 | 25.0% | 2 | 11 | 18.2% | 2 | 11 | 18.2% |
| | Online Overall | 5 | 41 | 12.2% | 10 | 43 | 23.3% | 10 | 47 | 21.3% | 13 | 49 | 26.5% |
| | State | - | 117 | 6.5% | - | 129 | 7.1% | - | 118 | 6.5% | - | 114 | 6.2% |
| Priority Improvement | Multi-District | 6 | 30 | 20.0% | 7 | 31 | 22.6% | 4 | 36 | 11.1% | 4 | 38 | 10.5% |
| Plan | Single District | 2 | 11 | 18.2% | 0 | 12 | 0.0% | 1 | 11 | 9.1% | 2 | 11 | 18.2% |
| Performance Plan Improvement Plan Priority Improvement | Online Overall | 8 | 41 | 19.5% | 7 | 43 | 16.3% | 5 | 47 | 10.6% | 6 | 49 | 12.2% |
| | State | - | 60 | 3.3% | - | 40 | 2.2% | - | 45 | 2.5% | - | 40 | 2.2% |
| Turners and Dien | Multi-District | 0 | 30 | 0.0% | 0 | 31 | 0.0% | 1 | 36 | 2.8% | 0 | 38 | 0.0% |
| Turnaround Plan | Single District | 0 | 11 | 0.0% | 0 | 12 | 0.0% | 0 | 11 | 0.0% | 0 | 11 | 0.0% |
| | Online Overall | 0 | 41 | 0.0% | 0 | 43 | 0.0% | 1 | 47 | 2.1% | 0 | 49 | 0.0% |
| | State | - | 56 | 3.1% | - | 46 | 2.5% | - | 40 | 2.2% | - | 27 | 1.5% |
| Insufficient State Date | Multi-District | 4 | 30 | 13.3% | 7 | 31 | 22.6% | 10 | 36 | 27.8% | 4 | 38 | 10.5% |
| insufficient State Data | Single District | 1 | 11 | 9.1% | 3 | 12 | 25.0% | 5 | 11 | 45.5% | 3 | 11 | 27.3% |
| | Online Overall | 5 | 41 | 12.2% | 10 | 43 | 23.3% | 15 | 47 | 31.9% | 7 | 49 | 14.3% |

Note: Includes Alternative Education Campuses. Excludes closed schools for that year who did not receive a rating.

Performance Plan Types over Time by Level

| School District Name | Туре | n | Total N | 2016- 17 | n | Total N | 2017- 18 | n | Total N | 2018- 19 | n | Total N | 2019- 20 |
|-------------------------|-------|---|------------|-------------|---|------------|-------------|---|------------|-------------|---|------------|-------------|
| Performance Plan | State | - | 1,217 | 67.4% | - | 1,247 | 68.6% | - | 1,239 | 67.7% | - | 1,256 | 68.6% |
| | E | 1 | 2 | 50.0% | 0 | 2 | 0.0% | 0 | 4 | 0.0% | 1 | 5 | 20.0% |
| | EM | 1 | 1 | 100.0% | 1 | 1 | 100.0% | 1 | 1 | 100.0% | 1 | 1 | 100.0% |
| | M | 2 | 3 | 66.7% | 1 | 3 | 33.3% | 1 | 5 | 20.0% | 2 | 6 | 33.3% |
| | MH | 7 | 9 | 77.8% | 5 | 10 | 50.0% | 5 | 10 | 50.0% | 4 | 9 | 44.4% |
| | Н | 7 | 14 | 50.0% | 5 | 15 | 33.3% | 4 | 15 | 26.7% | 9 | 16 | 56.3% |
| | EMH | 6 | 13 | 46.2% | 5 | 13 | 38.5% | 5 | 13 | 38.5% | 7 | 13 | 53.8% |
| | State | - | 356 | 19.7% | - | 356 | 19.6% | - | 387 | 21.2% | - | 395 | 21.6% |
| | E | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 0 | 4 | 0.0% | 2 | 5 | 40.0% |
| | EM | 0 | 1 | 0.0% | 0 | 1 | 0.0% | 0 | 1 | 0.0% | 0 | 1 | 0.0% |
| Improvement Plan | M | 0 | 3 | 0.0% | 0 | 3 | 0.0% | 0 | 5 | 0.0% | 2 | 6 | 33.3% |
| | MH | 1 | 9 | 11.1% | 1 | 10 | 10.0% | 0 | 10 | 0.0% | 1 | 9 | 11.1% |
| | Н | 3 | 14 | 21.4% | 6 | 15 | 40.0% | 4 | 15 | 26.7% | 4 | 16 | 25.0% |
| | EMH | 1 | 13 | 7.7% | 3 | 13 | 23.1% | 4 | 13 | 30.8% | 3 | 13 | 23.1% |
| Priority Improvement | State | - | 117 | 6.5% | - | 129 | 7.1% | - | 118 | 6.5% | - | 114 | 6.2% |
| | E | 1 | 2 | 50.0% | 1 | 2 | 50.0% | 1 | 4 | 25.0% | 2 | 5 | 40.0% |
| | EM | 0 | 1 | 0.0% | 0 | 1 | 0.0% | 0 | 1 | 0.0% | 0 | 1 | 0.0% |
| | M | 1 | 3 | 33.3% | 1 | 3 | 33.3% | 1 | 5 | 20.0% | 2 | 6 | 33.3% |
| Plan | MH | 1 | 4 | 25.0% | 1 | 4 | 25.0% | 1 | 6 | 16.7% | 2 | 7 | 28.6% |
| | Н | 2 | 7 | 28.6% | 2 | 7 | 28.6% | 2 | 11 | 18.2% | 4 | 13 | 30.8% |
| | EMH | 3 | 11 | 27.3% | 3 | 11 | 27.3% | 3 | 17 | 17.6% | 6 | 20 | 30.0% |
| | State | - | 60 | 3.3% | - | 40 | 2.2% | - | 45 | 2.5% | - | 40 | 2.2% |
| | E | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 1 | 4 | 25.0% | 0 | 5 | 0.0% |
| | EM | 0 | 1 | 0.0% | 0 | 1 | 0.0% | 0 | 1 | 0.0% | 0 | 1 | 0.0% |
| Turnaround Plan | M | 0 | 3 | 0.0% | 0 | 3 | 0.0% | 1 | 5 | 20.0% | 0 | 6 | 0.0% |
| | MH | 0 | 4 | 0.0% | 0 | 4 | 0.0% | 1 | 6 | 16.7% | 0 | 7 | 0.0% |
| | H | 0 | 7 | 0.0% | 0 | 7 | 0.0% | 2 | 11 | 18.2% | 0 | 13 | 0.0% |
| | EMH | 0 | 11 | 0.0% | 0 | 11 | 0.0% | 3 | 17 | 17.6% | 0 | 20 | 0.0% |
| Insufficient State Data | State | - | 56 | 3.1% | - | 46 | 2.5% | - | 40 | 2.2% | - | 27 | 1.5% |
| | E | 0 | 2 | 0.0% | 1 | 2 | 50.0% | 2 | 4 | 50.0% | 0 | 5 | 0.0% |
| | EM | 0 | 1 | 0.0% | 0 | 1 | 0.0% | 0 | 1 | 0.0% | 0 | 1 | 0.0% |
| | М | 0 | 3 | 0.0% | 1 | 3 | 33.3% | 2 | 5 | 40.0% | 0 | 6 | 0.0% |
| | MH | 0 | 4 | 0.0% | 1 | 4 | 25.0% | 2 | 6 | 33.3% | 0 | 7 | 0.0% |
| | Н | 0 | 7 | 0.0% | 2 | 7 | 28.6% | 4 | 11 | 36.4% | 0 | 13 | 0.0% |
| | EMH | 0 | 11 | 0.0% | 3 | 11 | 27.3% | 6 | 17 | 35.3% | 0 | 20 | 0.0% |

Note: Includes Alternative Education Campuses. Excludes closed schools for that year that did not receive a rating.

Appendix D. Mobility Rate, Mobility Incidence Rate, and Stability Rates in Online Schools

Online Charter School Mobility Rate (Unduplicated Count)

| School Name | Authorizer | Туре | Levels Served | 2014- 2015 | 2015- 2016 | 2016- 2017 | 2017- 2018 | 2018- 2019 |
|--|------------------------------|-----------------|------------------|---------------|---------------|---------------|---------------|---------------|
| Colorado Connections Academy | Mapleton 1 | Multi-District | EMH | 36% | 33% | 34% | 29% | 28.9% |
| Colorado Virtual Academy High School | Byers 32J | Multi-District | Н | 14% | 25% | 25% | 32% | 36.2% |
| Astravo Academy High School | Byers 32J | Multi-District | Н | 30% | 24% | 24% | 20% | 21% |
| Astravo Academy Middle School | Byers 32J | Multi-District | М | | | | | 15.9% |
| Astravo Online Academy High School | Byers 32J | Multi-District | Н | 56% | 36% | 33% | 41% | 44.5% |
| Colorado Virtual Academy | Byers 32J | Multi-District | Е | 18% | 13% | 21% | 24% | 23.6% |
| Colorado Virtual Academy Middle School | Byers 32J | Multi-District | М | 25% | 26% | 21% | 28% | 31.6% |
| Astravo Online Academy Elementary School | Byers 32J | Multi-District | Е | | | | | 38% |
| Astravo Online Academy Middle School | Byers 32J | Multi-District | М | | | | | 34.7% |
| AIM Global | Las Animas RE-1 | Multi-District | MH | | | 48% | 27% | 23.6% |
| Immersion Schools Science Technology Arts | Las Animas RE-1 | Multi-District | МН | | | 23% | 18% | 11.3% |
| Boulder Universal | Boulder Valley Re 2 | Multi-District | EMH | 28% | 28% | 30% | 27% | 37.2% |
| Denver Online High School | Denver County 1 | Multi-District | Н | 58% | 59% | 54% | 42% | 35.9% |
| HOPE Online Learning Academy Middle School | Douglas County Re 1 | Multi-District | М | 22% | 20% | 22% | 16% | 16.2% |
| HOPE Online Learning Academy Elementary | Douglas County Re 1 | Multi-District | Е | 24% | 25% | 23% | 15% | 14.2% |
| HOPE Online Learning Academy High School | Douglas County Re 1 | Multi-District | Н | 24% | 23% | 25% | 27% | 24.7% |
| Achieve Online | Colorado Springs 11 | Multi-District | MH | 52% | 39% | 30% | 42% | 36.7% |
| Village High School | Academy 20 | Multi-District | EMH | 43% | 33% | 31% | 17% | 15.2% |
| Journey K8 | Academy 20 | Multi-District | EM | 35% | 33% | 40% | 48% | 48.9% |
| TCA College Pathways | Academy 20 | Multi-District | MH | 19% | 19% | 13% | 4% | 6.1% |
| Peyton Online Academy | Peyton 23 Jt | Multi-District | Н | | | 32% | 46% | 43.8% |
| Hanover Online Academy | Hanover 28 | Multi-District | MH | | | | 86% | 85.7% |
| Springs Studio for Academic Excellence | District 49 | Multi-District | EMH | 26% | 23% | 19% | 13% | 7.9% |
| GOAL Academy | District 49 | Multi-District | Н | 30% | 32% | 36% | 38% | 30.9% |
| Pikes Peak Early College | District 49 | Multi-District | Н | | | 16% | 13% | 1.1% |
| Jeffco Virtual Academy | Jefferson County R-1 | Multi-District | MH | 40% | 39% | 38% | 47% | 45.7% |
| Colorado Connections Academy @ Durango | Durango 9-R | Multi-District | EMH | | | 56% | 43% | 40.9% |
| PSD Global Academy | Poudre R-1 | Multi-District | EMH | 35% | 31% | 26% | 23% | 22.5% |
| Branson School Online | Branson Reorganized 82 | Multi-District | EMH | 29% | 34% | 33% | 31% | 29.8% |
| 70 Online | Pueblo County 70 | Multi-District | EMH | 42% | 34% | 34% | 58% | 53.9% |
| Monte Vista On-Line Academy | Monte Vista C-8 | Multi-District | EMH | 33% | 33% | 32% | 25% | 11.5% |
| Destinations Career Academy of Colorado | Julesburg Re-1 | Multi-District | MH | 32% | 35% | 27% | 21% | 15.1% |
| Southwest Colorado eSchool | San Juan BOCES | Multi-District | MH | 52% | 39% | 58% | 38% | 38.4% |
| Colorado Preparatory Academy Elementary | Education reEnvisioned BOCES | Multi-District | Е | | | | | 30.2% |
| Colorado Preparatory Academy Middle School | Education reEnvisioned BOCES | Multi-District | М | | | | | 31.8% |
| Colorado Preparatory Academy High School | Education reEnvisioned BOCES | Multi-District | EMH | 41% | 37% | 27% | 31% | 24.6% |
| Pikes Peak Online School | Education reEnvisioned BOCES | Multi-District | Н | | 51% | 44% | 36% | 34.7% |
| Pathways Future Center | Adams 12 Five Star Schools | Single District | EMH | 52% | 50% | 47% | 50% | 46.5% |
| St. Vrain Global Online Academy | St Vrain Valley RE1J | Single District | Н | 46% | 38% | 44% | 49% | 48.6% |
| eDCSD | Douglas County Re 1 | Single District | EMH | 36% | 43% | 36% | 30% | 52% |
| World Academy | Eagle County RE 50 | Single District | EMH | 55% | 49% | 53% | 70% | 54.4% |
| Grand River Academy | Mesa County Valley 51 | Single District | EMH | 27% | 28% | 32% | 28% | 29.4% |
| Peak Virtual Academy | Montrose County RE-1J | Single District | EMH | 40% | 53% | 35% | 9% | 8.1% |
| Holyoke Alternative School | Holyoke Re-1J | Single District | MH | 50% | 45% | 52% | 48% | 59.4% |
| Paragon Learning Center | Pueblo City 60 | Single District | Н | | | | 79% | 68.6% |
| Center Virtual Academy | Center 26 JT | Single District | Н | 60% | 90% | 55% | 83% | 40% |

Online Charter School Mobility Incidence Rate (Duplicated Count)

| Online Charter School Mobility Incidence Rate (Duplicated | | | Levels | 2014- | 2015- | 2016- | 2017- | 2018- |
|---|------------------------------|-----------------|--------|-------|-------|-------|-------|-------|
| School Name | Authorizer | Type | Served | 2014- | 2015 | 2010- | 2017- | 2019 |
| Colorado Connections Academy | Mapleton 1 | Multi-District | EMH | 40% | 36% | 38% | 31% | 30.5% |
| Colorado Virtual Academy High School | Byers 32J | Multi-District | Н | 14% | 26% | 25% | 32% | 36.7% |
| Astravo Academy High School | Byers 32J | Multi-District | Н | 33% | 26% | 25% | 20% | 21% |
| Astravo Academy Middle School | Byers 32J | Multi-District | М | | | | | 16.5% |
| Astravo Online Academy High School | Byers 32J | Multi-District | Н | 69% | 40% | 35% | 41% | 44.5% |
| Colorado Virtual Academy | Byers 32J | Multi-District | Е | 18% | 13% | 22% | 24% | 23.6% |
| Colorado Virtual Academy Middle School | Byers 32J | Multi-District | M | 27% | 28% | 22% | 28% | 31.6% |
| Astravo Online Academy Elementary School | Byers 32J | Multi-District | E | | | | | 38% |
| Astravo Online Academy Middle School | Byers 32J | Multi-District | M | | | | | 34.7% |
| AIM Global | Las Animas RE-1 | Multi-District | MH | | | 54% | 30% | 25.8% |
| Immersion Schools Science Technology Arts | Las Animas RE-1 | Multi-District | MH | | | 24% | 19% | 12.2% |
| Boulder Universal | Boulder Valley Re 2 | Multi-District | EMH | 32% | 29% | 37% | 28% | 40.7% |
| Denver Online High School | Denver County 1 | Multi-District | Н | 69% | 67% | 63% | 43% | 46.5% |
| HOPE Online Learning Academy Middle School | Douglas County Re 1 | Multi-District | М | 24% | 23% | 24% | 17% | 18% |
| HOPE Online Learning Academy Elementary | Douglas County Re 1 | Multi-District | E | 26% | 27% | 25% | 17% | 15.9% |
| HOPE Online Learning Academy High School | Douglas County Re 1 | Multi-District | Н | 27% | 25% | 27% | 30% | 27.6% |
| Achieve Online | Colorado Springs 11 | Multi-District | MH | 81% | 45% | 34% | 44% | 38.2% |
| Village High School | Academy 20 | Multi-District | EMH | 54% | 38% | 35% | 17% | 15.2% |
| Journey K8 | Academy 20 | Multi-District | EM | 38% | 40% | 44% | 52% | 55.2% |
| TCA College Pathways | Academy 20 | Multi-District | МН | 20% | 19% | 13% | 4% | 6.3% |
| Peyton Online Academy | Peyton 23 Jt | Multi-District | Н | | | 32% | 49% | 52.1% |
| Hanover Online Academy | Hanover 28 | Multi-District | МН | | | | 100% | 100% |
| Springs Studio for Academic Excellence | District 49 | Multi-District | EMH | 27% | 24% | 22% | 13% | 7.9% |
| GOAL Academy | District 49 | Multi-District | Н | 33% | 34% | 39% | 41% | 32.3% |
| Pikes Peak Early College | District 49 | Multi-District | Н | | | 18% | 13% | 1.1% |
| Jeffco Virtual Academy | Jefferson County R-1 | Multi-District | MH | 46% | 44% | 42% | 52% | 50.1% |
| Colorado Connections Academy @ Durango | Durango 9-R | Multi-District | EMH | | | 63% | 46% | 43.5% |
| PSD Global Academy | Poudre R-1 | Multi-District | EMH | 42% | 36% | 30% | 24% | 25.6% |
| Branson School Online | Branson Reorganized 82 | Multi-District | EMH | 32% | 37% | 39% | 36% | 31.6% |
| 70 Online | Pueblo County 70 | Multi-District | EMH | 51% | 40% | 40% | 64% | 59.1% |
| Monte Vista On-Line Academy | Monte Vista C-8 | Multi-District | EMH | 33% | 39% | 33% | 26% | 11.5% |
| Destinations Career Academy of Colorado | Julesburg Re-1 | Multi-District | MH | 33% | 39% | 28% | 21% | 15.1% |
| Southwest Colorado eSchool | San Juan BOCES | Multi-District | MH | 60% | 39% | 64% | 39% | 42.5% |
| Colorado Preparatory Academy Elementary | Education reEnvisioned BOCES | Multi-District | Е | | | | | 33.3% |
| Colorado Preparatory Academy Middle School | Education reEnvisioned BOCES | Multi-District | М | | | | | 33.1% |
| Colorado Preparatory Academy High School | Education reEnvisioned BOCES | Multi-District | EMH | 42% | 38% | 28% | 32% | 25.6% |
| Pikes Peak Online School | Education reEnvisioned BOCES | Multi-District | Н | | 53% | 46% | 37% | 38.1% |
| Pathways Future Center | Adams 12 Five Star Schools | Single District | EMH | 76% | 72% | 62% | 62% | 56.7% |
| St. Vrain Global Online Academy | St Vrain Valley RE1J | Single District | Н | 51% | 41% | 49% | 54% | 52% |
| eDCSD | Douglas County Re 1 | Single District | EMH | 40% | 48% | 39% | 32% | 60% |
| World Academy | Eagle County RE 50 | Single District | EMH | 61% | 52% | 67% | 84% | 73.7% |
| Grand River Academy | Mesa County Valley 51 | Single District | EMH | 30% | 31% | 35% | 30% | 31.3% |
| Peak Virtual Academy | Montrose County RE-1J | Single District | EMH | 46% | 60% | 40% | 10% | 8.1% |
| Holyoke Alternative School | Holyoke Re-1J | Single District | MH | 57% | 45% | 57% | 56% | 65.6% |
| Paragon Learning Center | Pueblo City 60 | Single District | Н | | | | 97% | 75.4% |
| Center Virtual Academy | Center 26 JT | Single District | Н | 67% | 116% | 60% | 89% | 40% |

Online Charter School Stability Rate

| Online Charter School Stability Rate | | | Levels | 2014- | 2015- | 2016- | 2017- | 2018- |
|--|------------------------------|-----------------|--------|-------|-------|-------|-------|-------|
| School Name | Authorizer | Type | Served | 2015 | 2016 | 2017 | 2018 | 2019 |
| Colorado Connections Academy | Mapleton 1 | Multi-District | EMH | 64% | 67% | 66% | 71% | 71.1% |
| Colorado Virtual Academy High School | Byers 32J | Multi-District | Н | 86% | 75% | 75% | 69% | 63.8% |
| Astravo Academy High School | Byers 32J | Multi-District | Н | 70% | 76% | 76% | 80% | 79% |
| Astravo Academy Middle School | Byers 32J | Multi-District | М | | | | | 84.1% |
| Astravo Online Academy High School | Byers 32J | Multi-District | Н | 44% | 64% | 67% | 59% | 55.5% |
| Colorado Virtual Academy | Byers 32J | Multi-District | Е | 82% | 87% | 79% | 76% | 76.4% |
| Colorado Virtual Academy Middle School | Byers 32J | Multi-District | М | 75% | 74% | 79% | 73% | 68.4% |
| Astravo Online Academy Elementary School | Byers 32J | Multi-District | Е | | | | | 62% |
| Astravo Online Academy Middle School | Byers 32J | Multi-District | М | | | | | 65.3% |
| AIM Global | Las Animas RE-1 | Multi-District | МН | | | 52% | 73% | 76.4% |
| Immersion Schools Science Technology Arts | Las Animas RE-1 | Multi-District | MH | | | 77% | 82% | 88.7% |
| Boulder Universal | Boulder Valley Re 2 | Multi-District | EMH | 72% | 72% | 70% | 73% | 62.8% |
| Denver Online High School | Denver County 1 | Multi-District | Н | 42% | 41% | 46% | 58% | 64.1% |
| HOPE Online Learning Academy Middle School | Douglas County Re 1 | Multi-District | М | 79% | 80% | 78% | 84% | 83.8% |
| HOPE Online Learning Academy Elementary | Douglas County Re 1 | Multi-District | Е | 76% | 76% | 77% | 85% | 85.8% |
| HOPE Online Learning Academy High School | Douglas County Re 1 | Multi-District | Н | 76% | 77% | 75% | 73% | 75.3% |
| Achieve Online | Colorado Springs 11 | Multi-District | MH | 48% | 61% | 70% | 59% | 63.3% |
| Village High School | Academy 20 | Multi-District | EMH | 57% | 68% | 69% | 83% | 84.8% |
| Journey K8 | Academy 20 | Multi-District | EM | 66% | 67% | 60% | 52% | 51.1% |
| TCA College Pathways | Academy 20 | Multi-District | MH | 81% | 81% | 87% | 96% | 93.9% |
| Peyton Online Academy | Peyton 23 Jt | Multi-District | Н | | | 68% | 54% | 56.3% |
| Hanover Online Academy | Hanover 28 | Multi-District | MH | | | | 14% | 14.3% |
| Springs Studio for Academic Excellence | District 49 | Multi-District | EMH | 74% | 77% | 81% | 87% | 92.1% |
| GOAL Academy | District 49 | Multi-District | Н | 70% | 68% | 64% | 62% | 69.1% |
| Pikes Peak Early College | District 49 | Multi-District | Н | | | 84% | 87% | 98.9% |
| Jeffco Virtual Academy | Jefferson County R-1 | Multi-District | MH | 60% | 61% | 62% | 53% | 54.3% |
| Colorado Connections Academy @ Durango | Durango 9-R | Multi-District | EMH | | | 44% | 57% | 59.1% |
| PSD Global Academy | Poudre R-1 | Multi-District | EMH | 65% | 69% | 74% | 77% | 77.5% |
| Branson School Online | Branson Reorganized 82 | Multi-District | EMH | 71% | 66% | 67% | 69% | 70.2% |
| 70 Online | Pueblo County 70 | Multi-District | EMH | 58% | 66% | 66% | 42% | 46.1% |
| Monte Vista On-Line Academy | Monte Vista C-8 | Multi-District | EMH | 67% | 67% | 68% | 75% | 88.5% |
| Destinations Career Academy of Colorado | Julesburg Re-1 | Multi-District | MH | 68% | 65% | 73% | 79% | 84.9% |
| Southwest Colorado eSchool | San Juan BOCES | Multi-District | MH | 48% | 61% | 42% | 62% | 61.6% |
| Colorado Preparatory Academy Elementary | Education reEnvisioned BOCES | Multi-District | E | | | | | 69.8% |
| Colorado Preparatory Academy Middle School | Education reEnvisioned BOCES | Multi-District | M | | | | | 68.2% |
| Colorado Preparatory Academy High School | Education reEnvisioned BOCES | Multi-District | EMH | 59% | 63% | 73% | 69% | 75.4% |
| Pikes Peak Online School | Education reEnvisioned BOCES | Multi-District | Н | | 49% | 56% | 64% | 65.3% |
| Pathways Future Center | Adams 12 Five Star Schools | Single District | EMH | 48% | 50% | 53% | 50% | 53.5% |
| St. Vrain Global Online Academy | St Vrain Valley RE1J | Single District | Н | 54% | 62% | 56% | 51% | 51.4% |
| eDCSD | Douglas County Re 1 | Single District | EMH | 64% | 57% | 65% | 70% | 48% |
| World Academy | Eagle County RE 50 | Single District | EMH | 45% | 51% | 47% | 30% | 45.6% |
| Grand River Academy | Mesa County Valley 51 | Single District | EMH | 73% | 72% | 68% | 72% | 70.6% |
| Peak Virtual Academy | Montrose County RE-1J | Single District | EMH | 61% | 48% | 65% | 91% | 91.9% |
| Holyoke Alternative School | Holyoke Re-1J | Single District | MH | 50% | 55% | 48% | 52% | 40.6% |
| Paragon Learning Center | Pueblo City 60 | Single District | Н | | | | 21% | 31.4% |
| Center Virtual Academy | Center 26 JT | Single District | Н | 40% | 11% | 45% | 17% | 60% |